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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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SECURITY INFORMATION

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COUNTRY	USSR (Kalinin Oblast)	REPORT	
SUBJECT	Russian Nomenclature for Rocket Fuel Test Stand and Motor	DATE DISTR.	16 September 1953
		NO. OF PAGES	6
DATE OF INFO.		REQUIREMENT	50X1-HUM
PLACE ACQUIRED		REFERENCES	50X1

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THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

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STATE	#x	ARMY	#x	NAVY	#x	AIR	#x	FBI		AEC					

(Note: Washington Distribution Indicated By "X"; Field Distribution By "#".)

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REPORT

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COUNTRY : USSR

DATE DISTR. 19 AUG. 53

SUBJECT : Russian Nomenclature for Rocket Fuel Test Stand and Motor

NO. OF PAGES 3

PLACE ACQUIRED

NO. OF ENCLS. 2 (LISTED BELOW)

50X1-HUM

DATE ACQUIRED

SUPPLEMENT TO REPORT

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DATE OF I

THIS IS UNEVALUATED INFORMATION

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1. Russian nomenclature for components of the 20 kilogram laboratory test stand and test motor developed at Branch No.1 of Institute 88, Gordomlya Island. 50X1-HUM 50X1

2. This Russian nomenclature is not a translation of German terms for the various component parts, but the original Russian terms reconstructed most of the terms phonetically. 50X1-HUM

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2. The Russian nomenclature for the 20 kilogram laboratory test stand is as follows: (The English translation of the German is given in Enclosure (A).)

1. ?
2. Бак для Топлева
3. Реометр
4. Электрический Вентиль.
5. Ручной Вентиль.
6. Бак для Кислорода
7. Бак для Воздуха под Давлением.
8. Авто-Писатель.
9. Весы
10. Труба для напреженного Воздуха.
11. ?
12. Контроль для Зажигания
13. Выключатель: Зажигания, контроль для зажигания, писатель
14. Выключатель для электрического Вентиля.
15. ?
16. Сапротивление для пирометра.
17. Спектроскаф.
18. Манометр для Давления в Баке.
19. " " " Воздуха.
20. " " " в Печке.
21. ?
22. Прибор для Измерения Тяги
23. ?
24. Электрический Вентиль для Топлева.
25. Пирометр.
26. Ручной Вентиль.

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3. The Russian nomenclature for the 20 kilogram laboratory test motor is as follows: /The English translation of the German is given in Enclosure (B)./

1. Пружинная Рубашка
2. Охлаждательная Вода (Вход)
3.
4.
5. Топлев Форсунка
6. Кислород " "
7. Охлаждательная Вода (Выход)
8. Электрический Вентиль для кислорода.
9. " " " " " Топлева.
10. ?
11. Топлева Канал
12. Свеча (для зажигания)
13. Пиропатрон
14. Прокладка (Резина)
15. " (Азбест)
16. Кварцовое окно
17. Пиропатрон.
18a. Двойная Проволка
18b. Простая "
18c. Порошок (для охотников)
18d. " (Флегматизированный)
18e. Гильза, Бумага с Парафином.
18f. Медная Пластинка
18g. Капля из Парафина

ENCLOSURE (A): Test Stand Nomenclature
ENCLOSURE (B): Test Motor Nomenclature

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Enclosure (A)

20 Kilogram Laboratory Test Stand Nomenclature

1. Electrical De-airing Valve
2. Fuel Tank
3. Dibromoacetylene Manometer Flow Meters
4. Electrical Closing Valve
5. Hand Operated Valve
6. Oxygen Tank
7. Compressed Air Tank
8. Roll Recorder
9. Counter Weight for Tank Scale
10. Compressed Air Connection to Compressor
11. Control Panel
12. Signal Lamp- Ignition Check
13. Main Ignition-Ignition Check & Recorder Switches
14. Electrical Valve Switches
15. Valve Signal Lamps
16. Pyrometer Resistance
17. Spectrograph
18. Tank Pressure Gauge
19. Compressed Air Gauge
20. Chamber Pressure Gauge
21. Chamber Balancing Spring
22. Thrust Measurer
23. Suspension Mount
24. Electrical Fuel Valve
25. Pyrometer
26. Hand Operated Valve

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Enclosure (B)

20 Kilogram Laboratory Test Motor Nomenclature

1. Elastic Steel Hollow Ring
2. Cooling Water Inlet
3. Chamber Pressure Gauge Connection
4. Locking Nut for Quartz Window
5. Fuel Injection Nozzle
6. Oxygen Injection Nozzle
7. Cooling Water Outlet
8. Electrical Oxygen Valve
9. Electrical Fuel Valve
10. Chamber Suspension
11. Fuel Ring-Channel
12. Spark Plug
13. Case for Pyro Ignitor
14. Soft Rubber Gaskets
15. Asbestos Gaskets
16. Quartz Window
17. Interchangeable Laval Nozzle
18. Pyro Ignitor

18a. Double Wound Copper Wire

18b. Single Copper Wire

18c. Quick Igniting Black Powder

18d. Phlagmatized Black Powder

18e. Parafin-Paper Case

18f. Copper Plate

18g. Parafin Seal

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